

図1

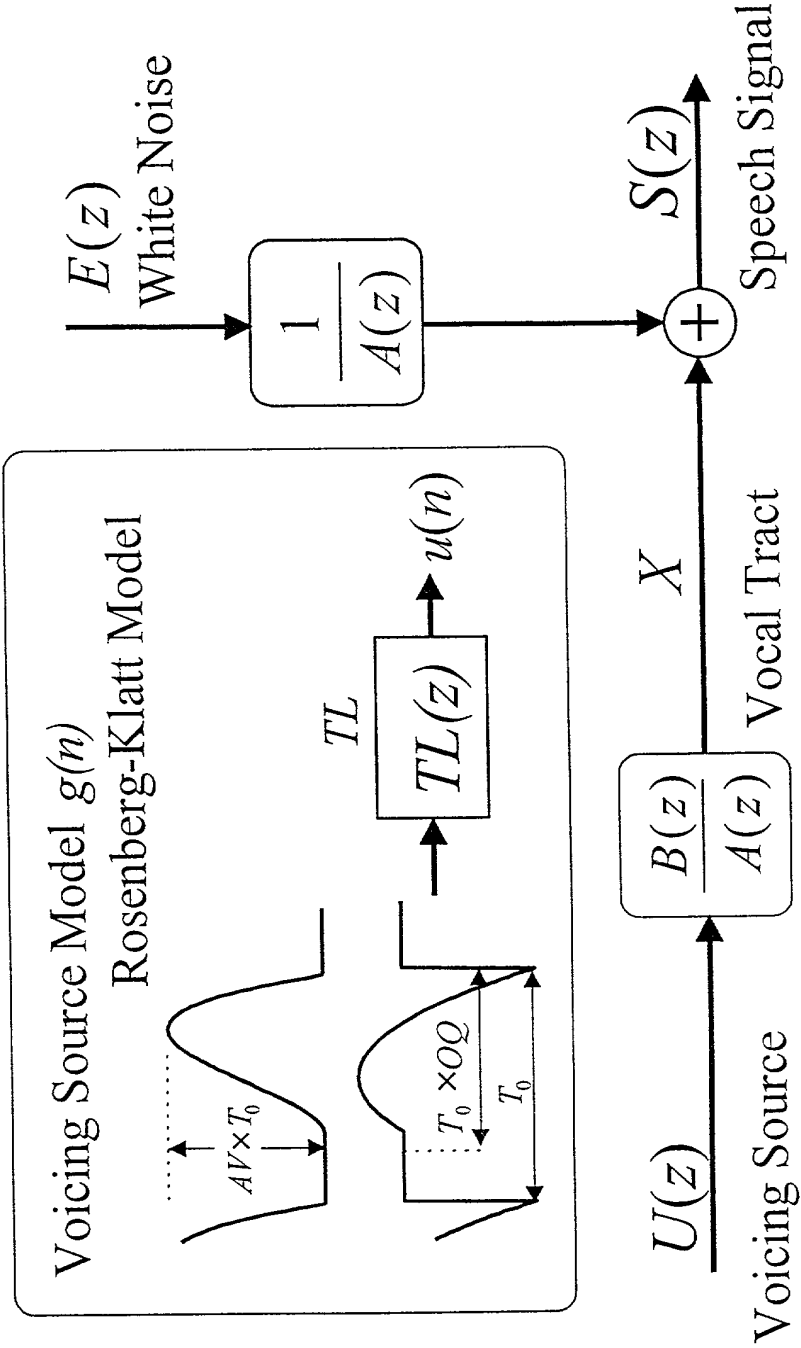


図2

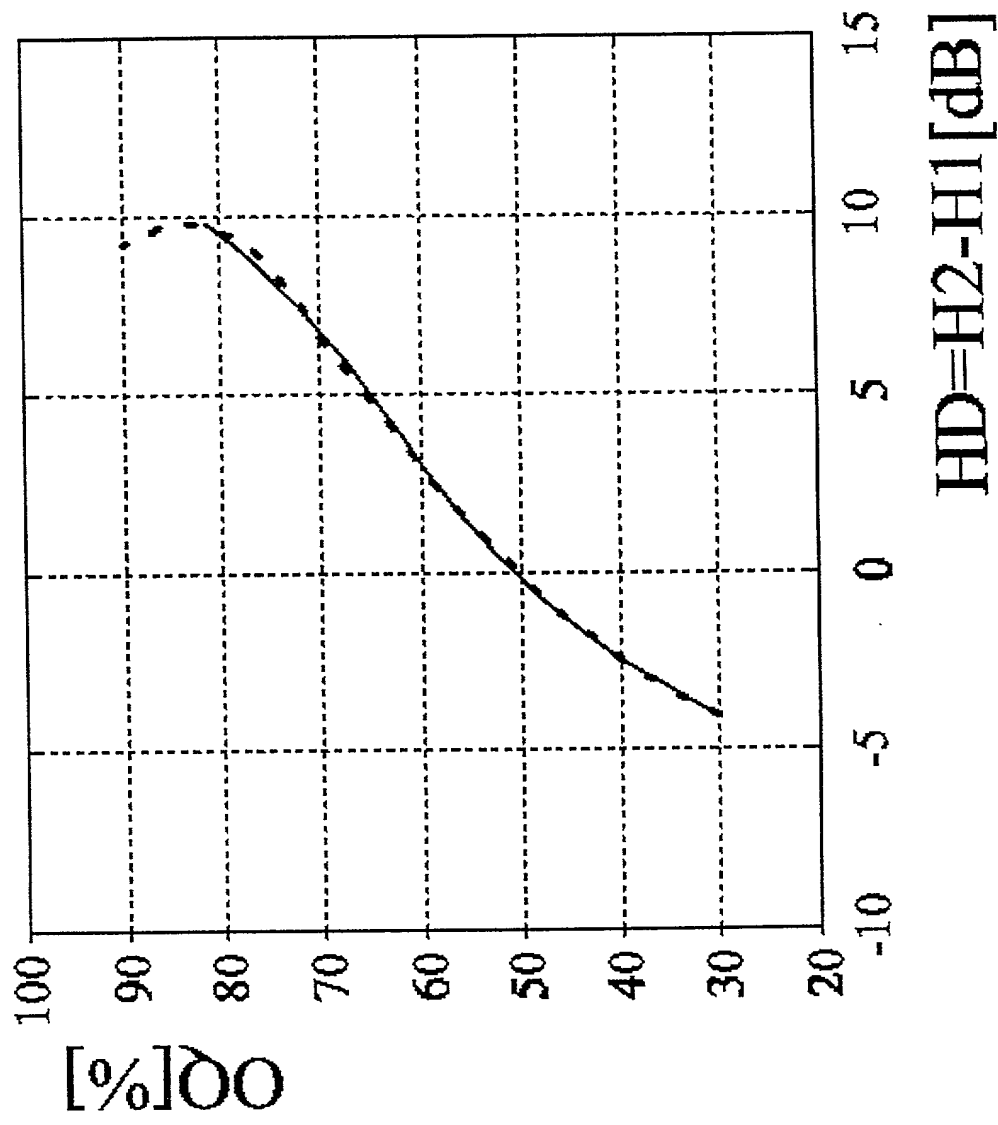


FIG. 2

3

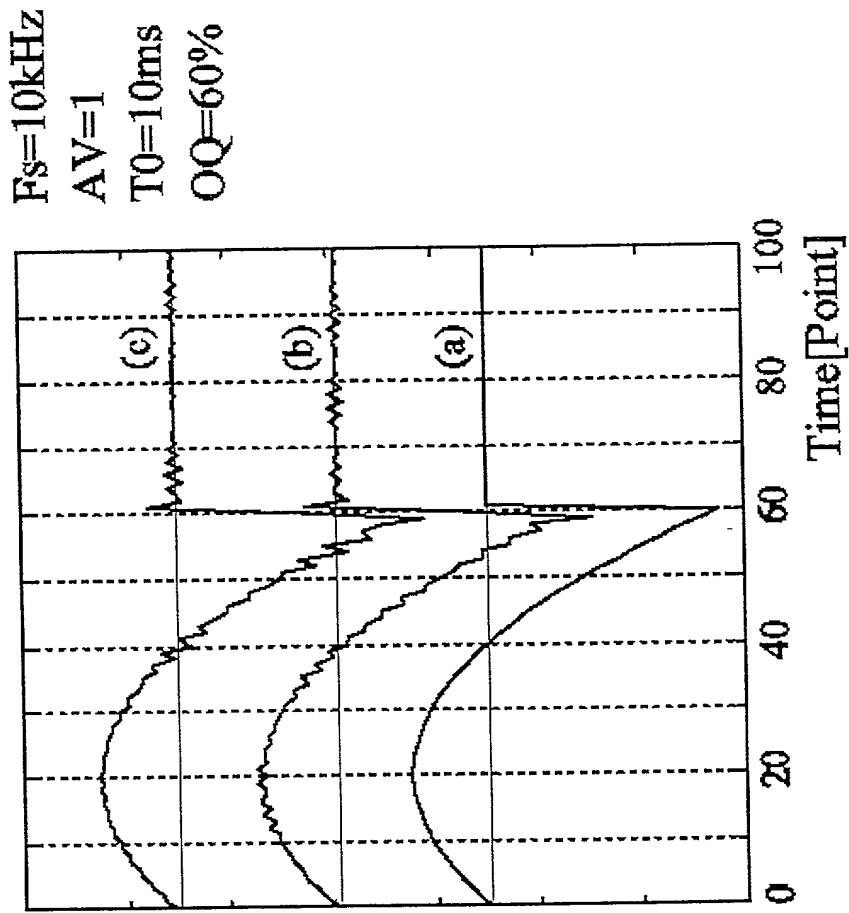
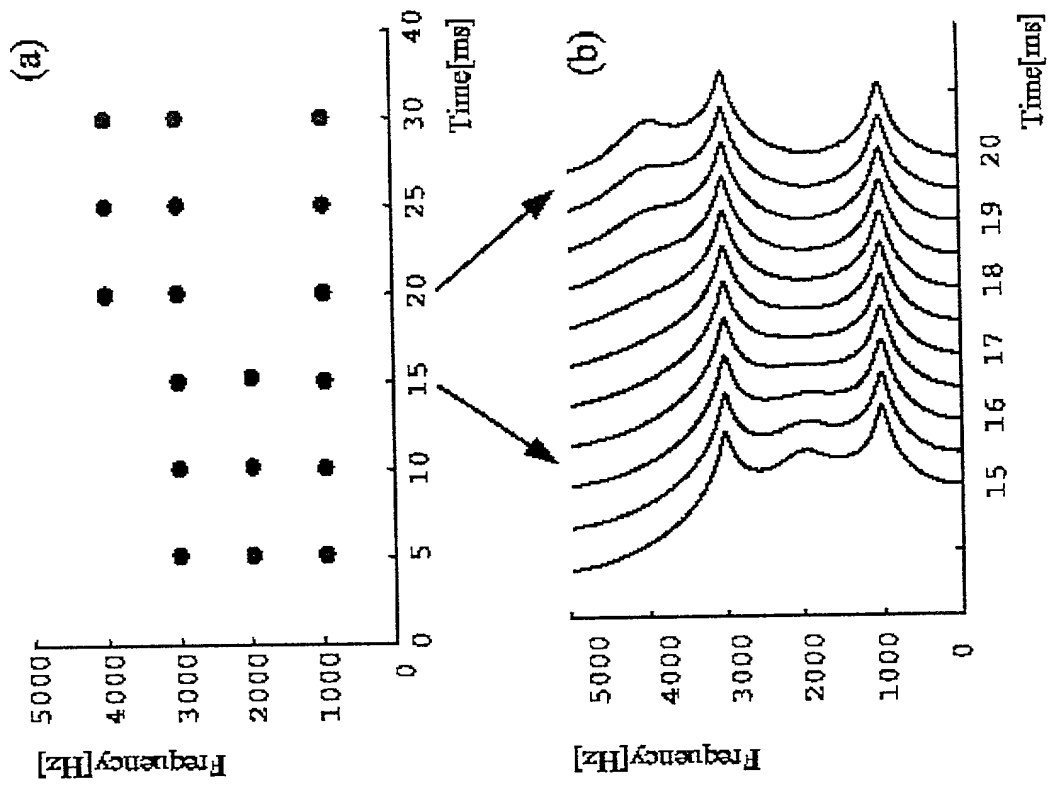


FIG. 3

4



106160" 29255660

5

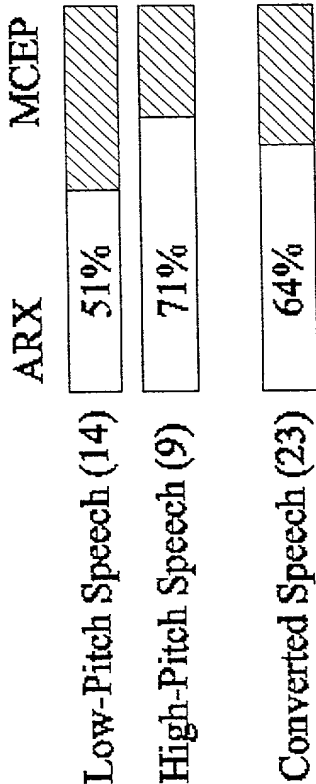
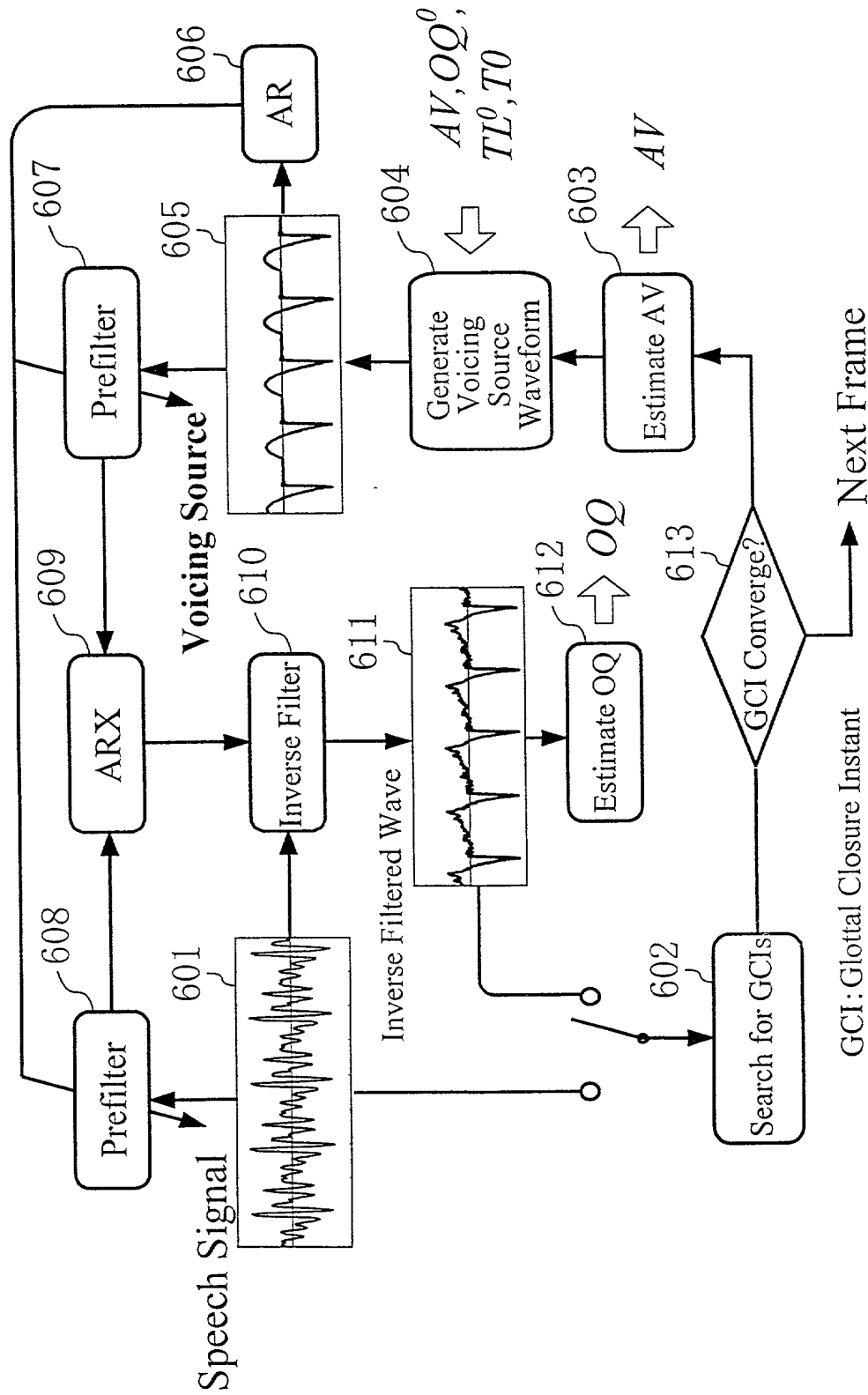
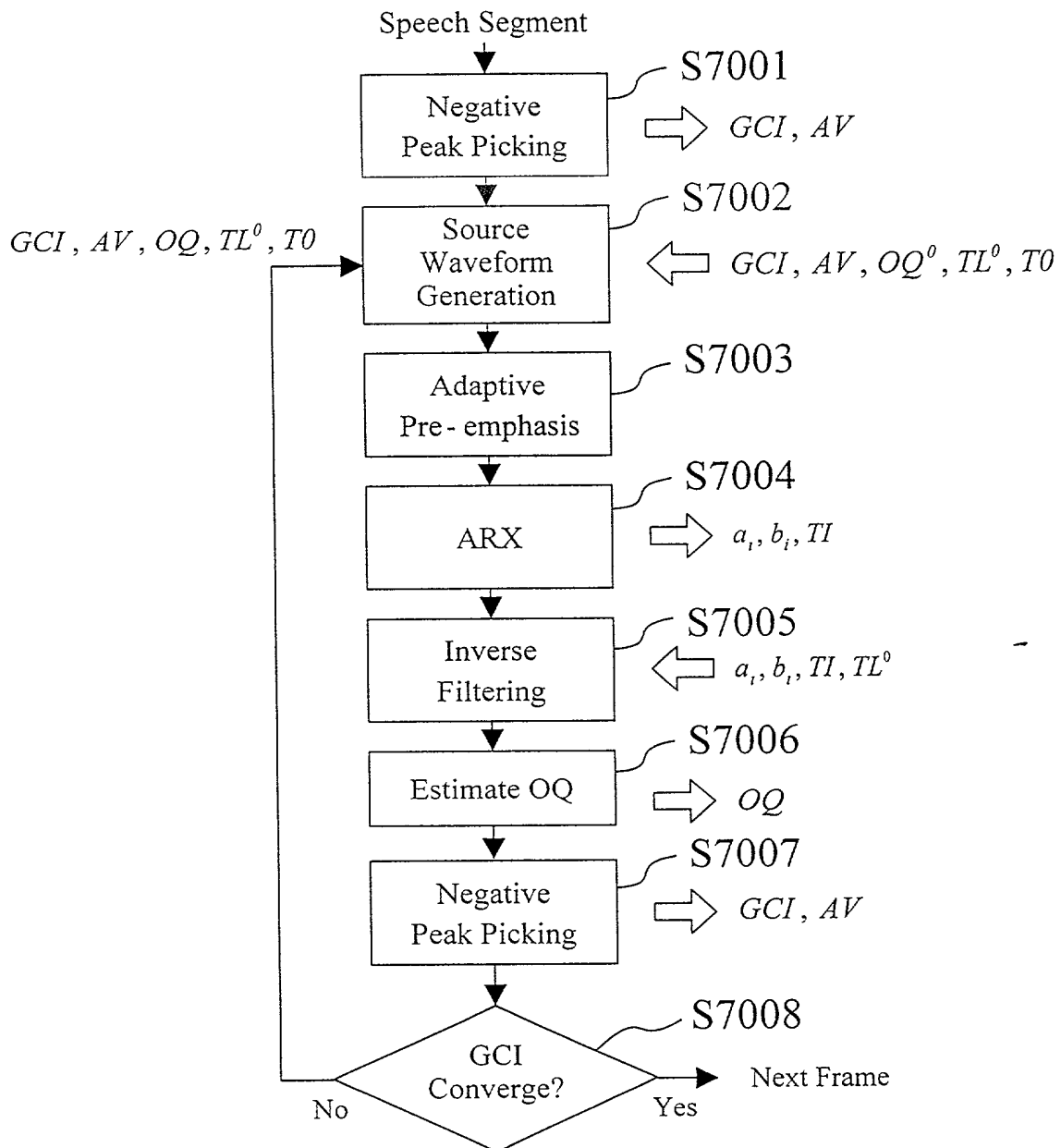


図6



7/30

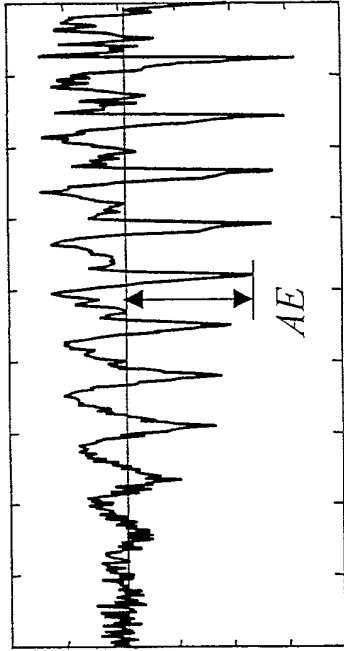
図7



09055767.091904
T06T60 29253660

図8

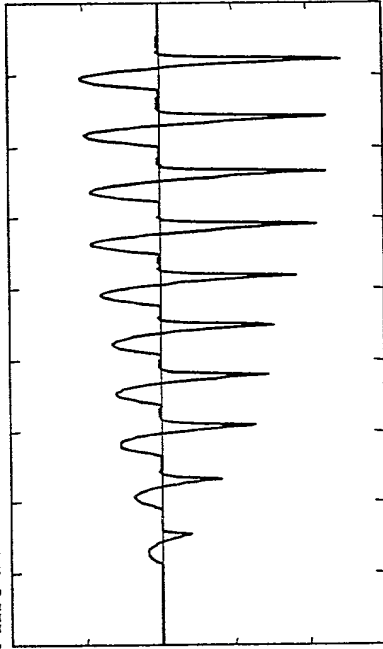
Speech waveform



$$AV = \frac{4}{27} OQ \cdot AE$$

AE : Peak value

RK model waveform



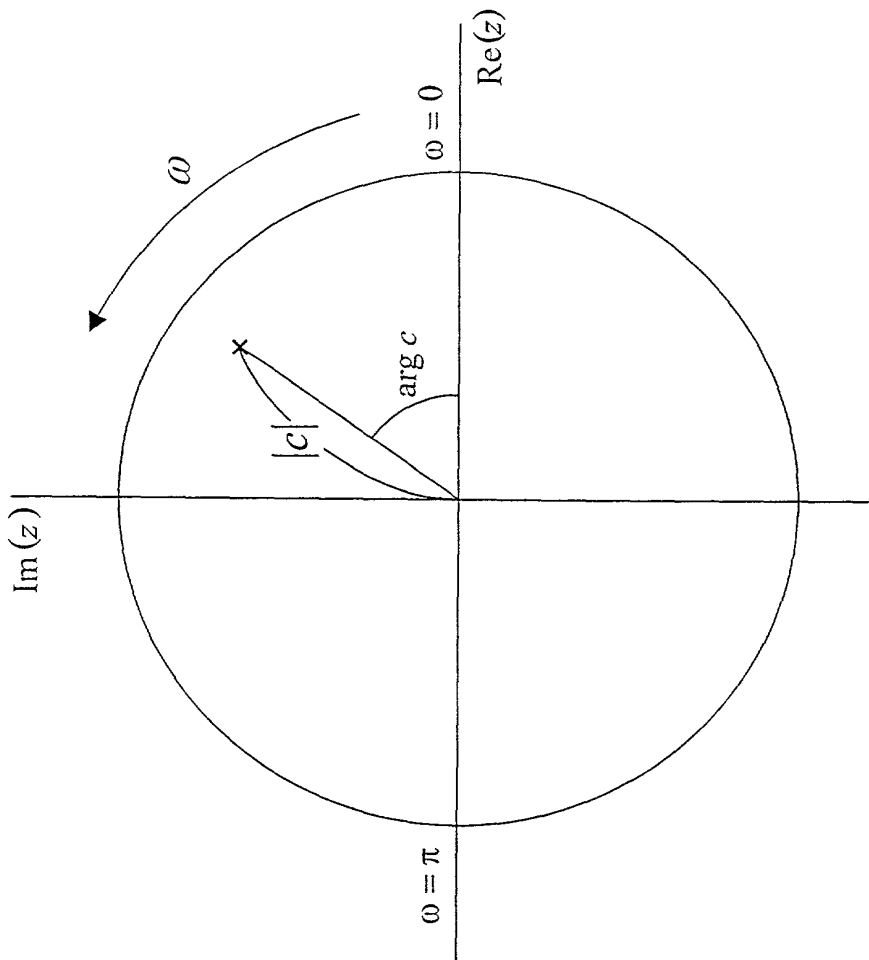


FIG. 10

Speech or inverse filtered signal waveform (601 or 611)

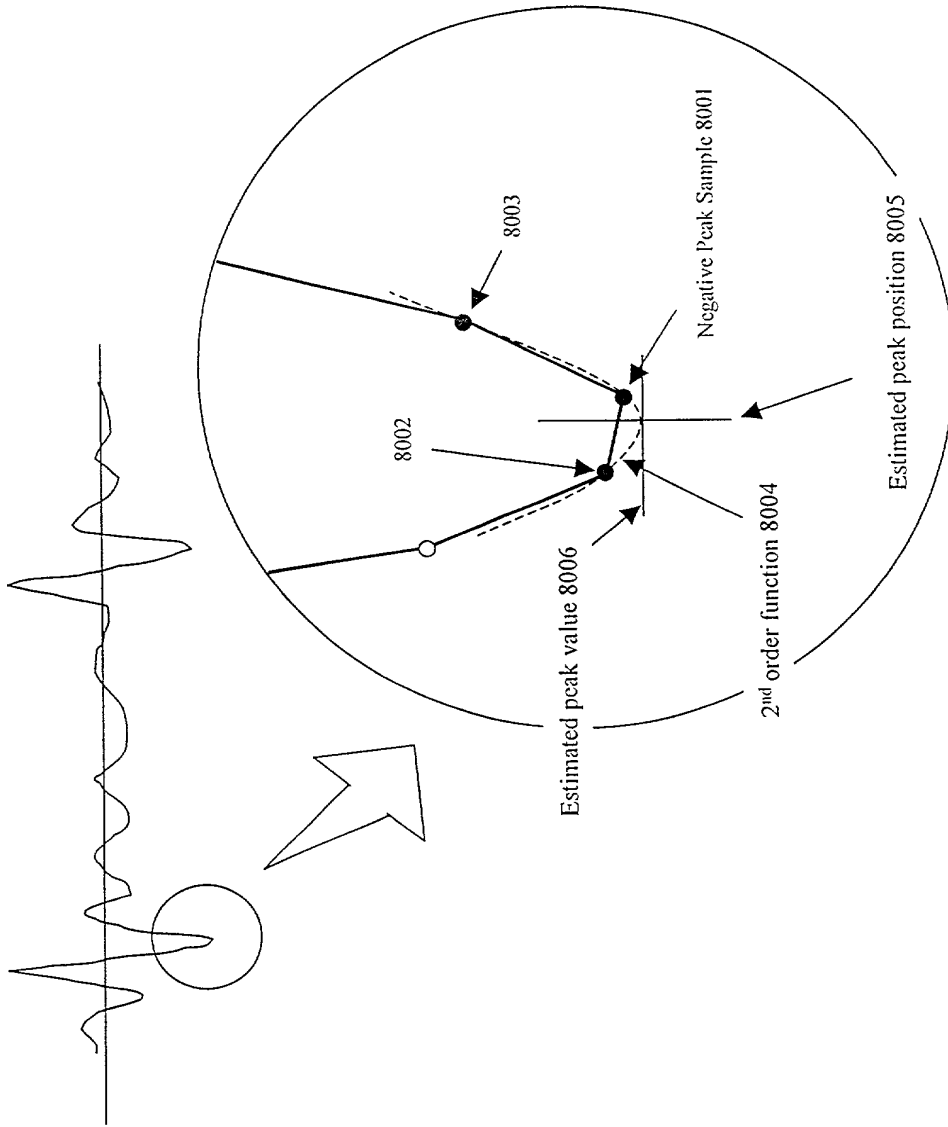


図11

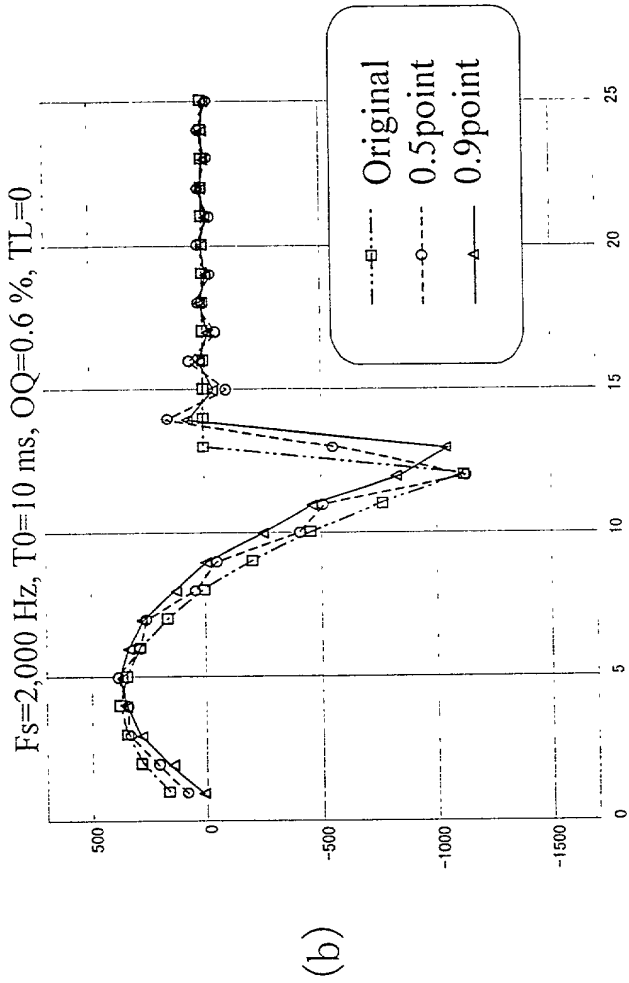
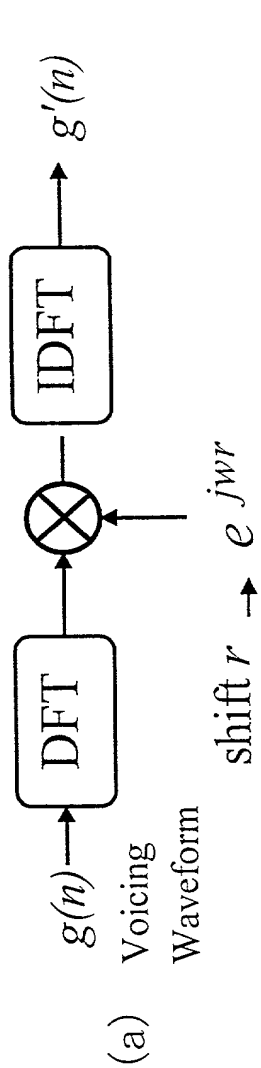
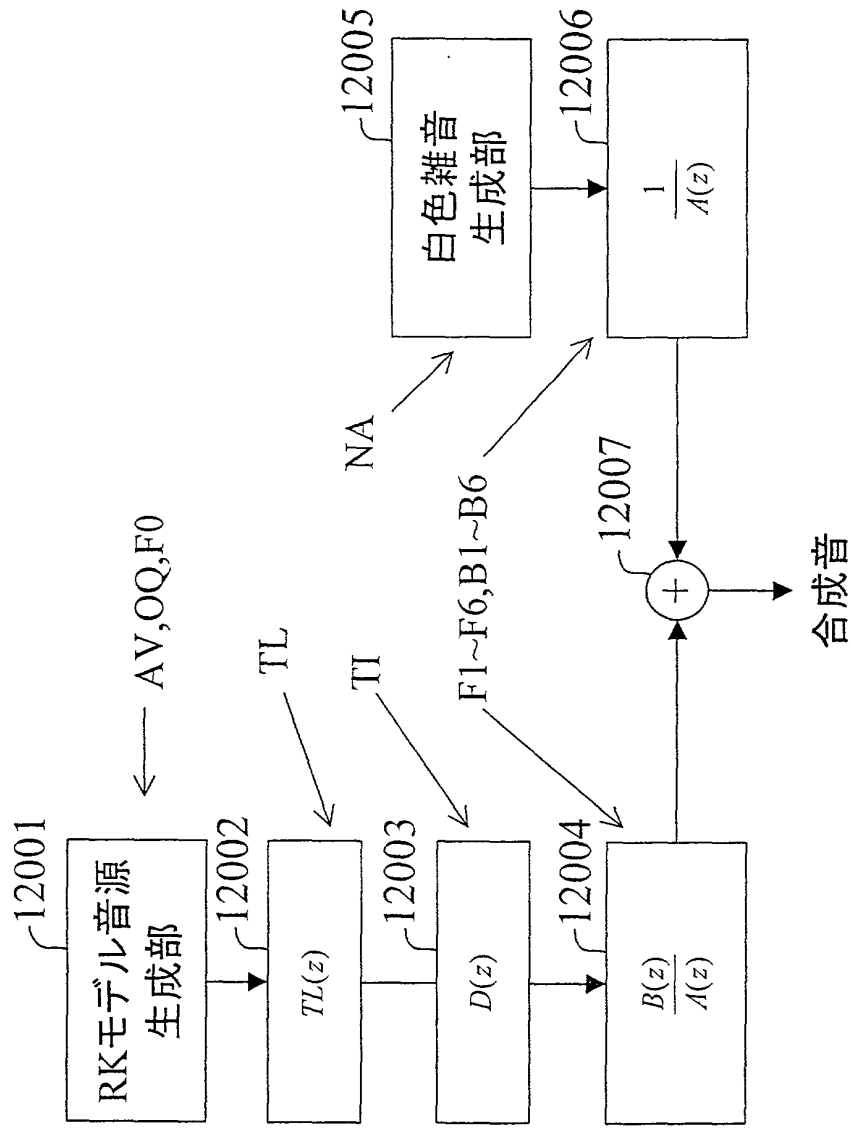


図12



T06T60" 29295660

図13

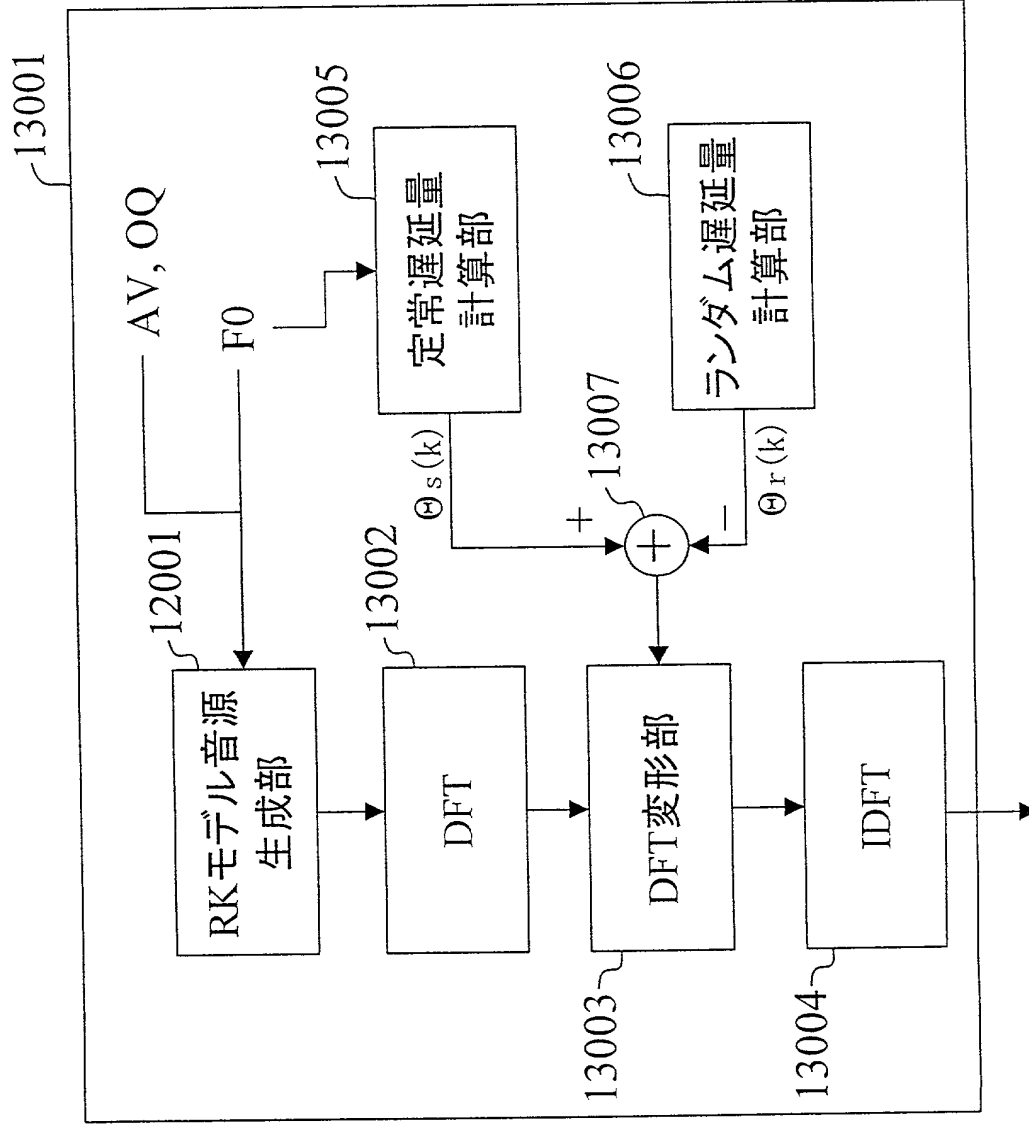


FIG. 13

図14

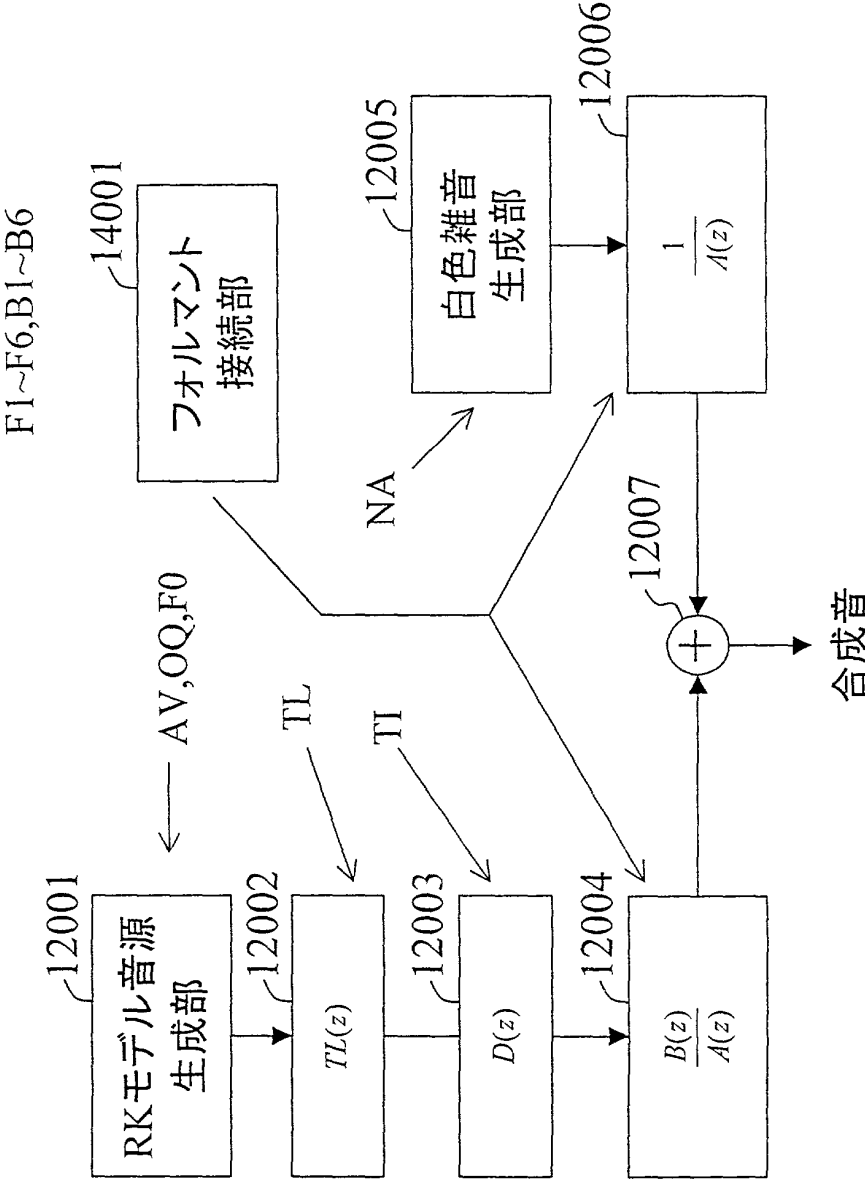


FIG. 15

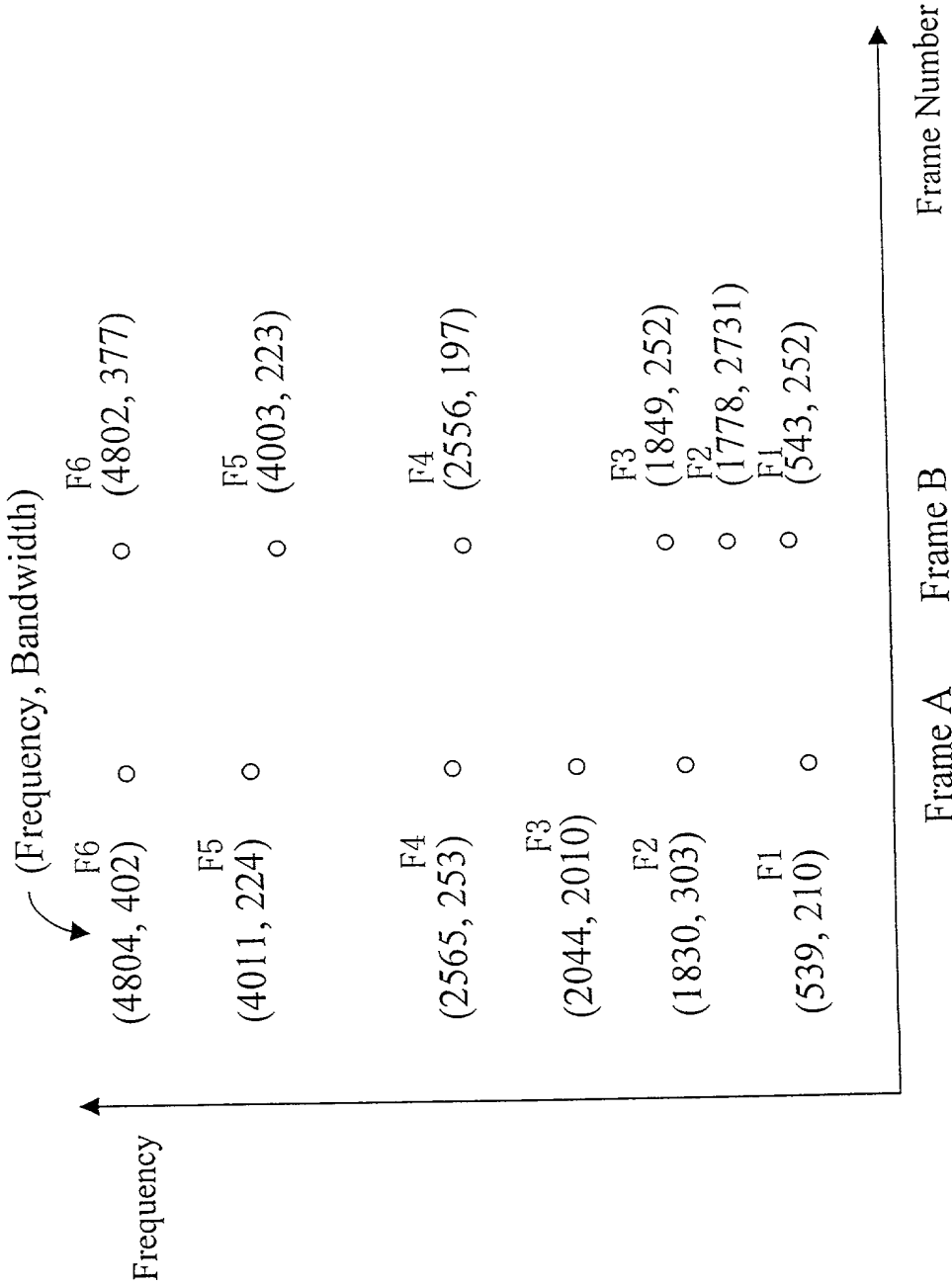


図16

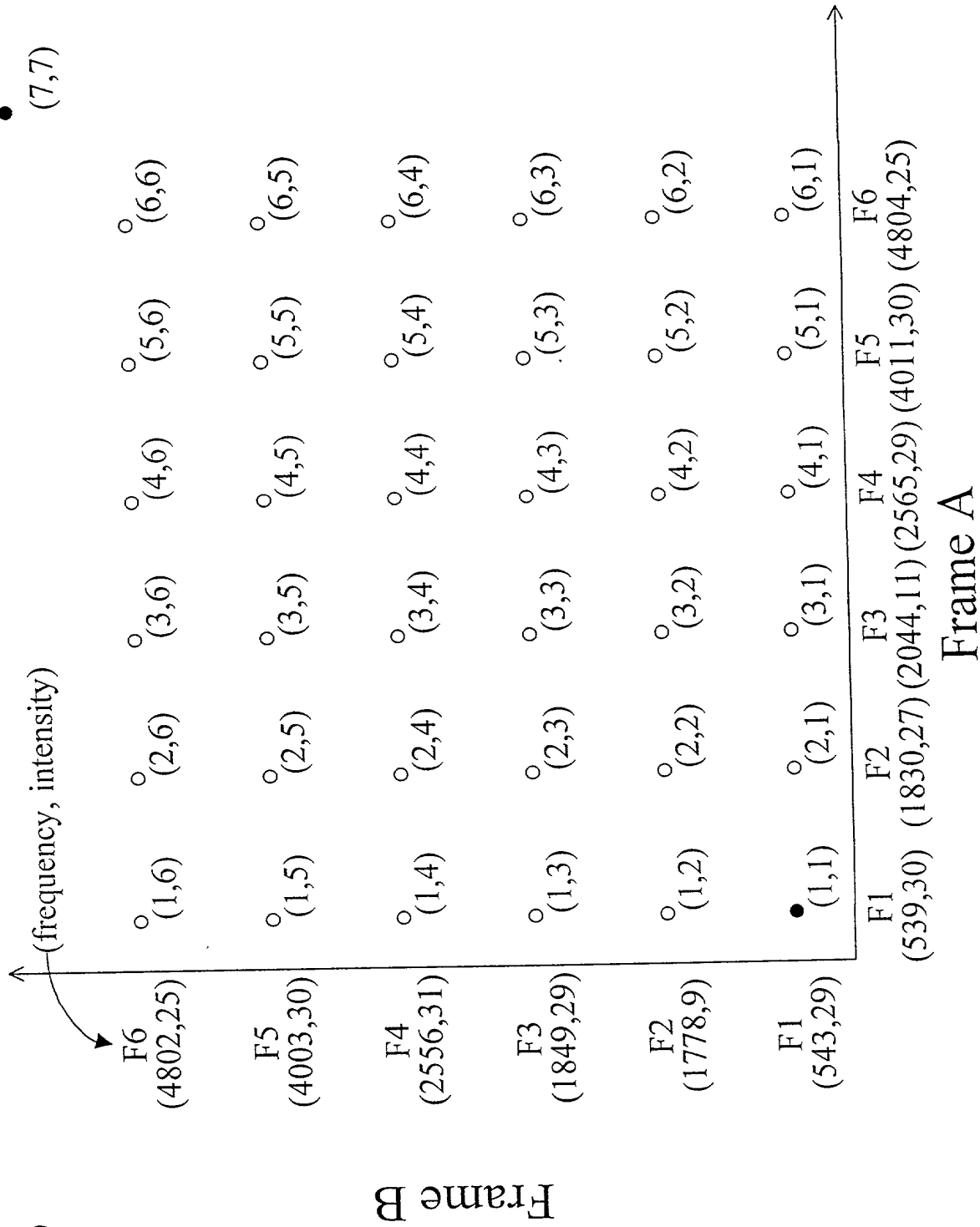


図17

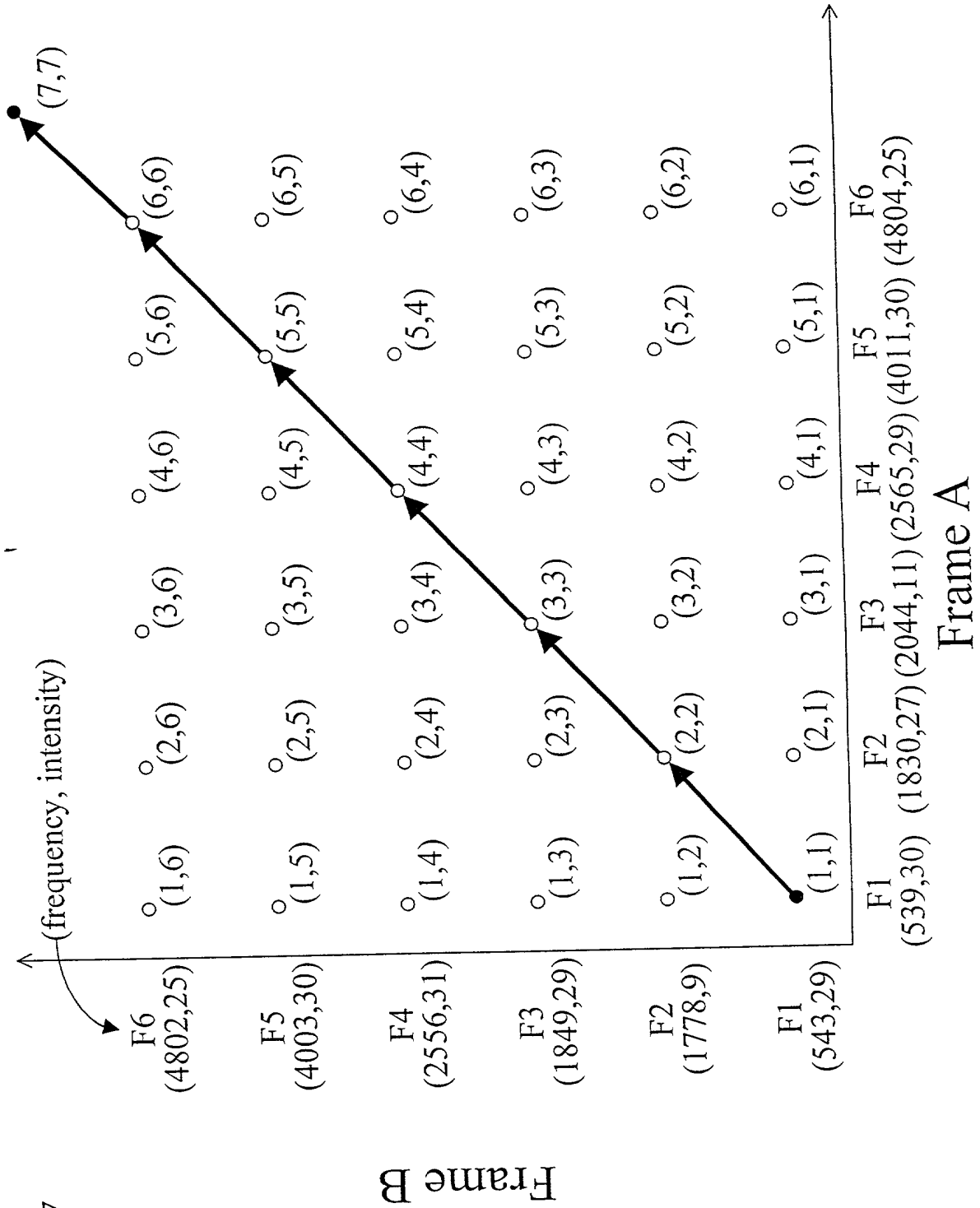


図19

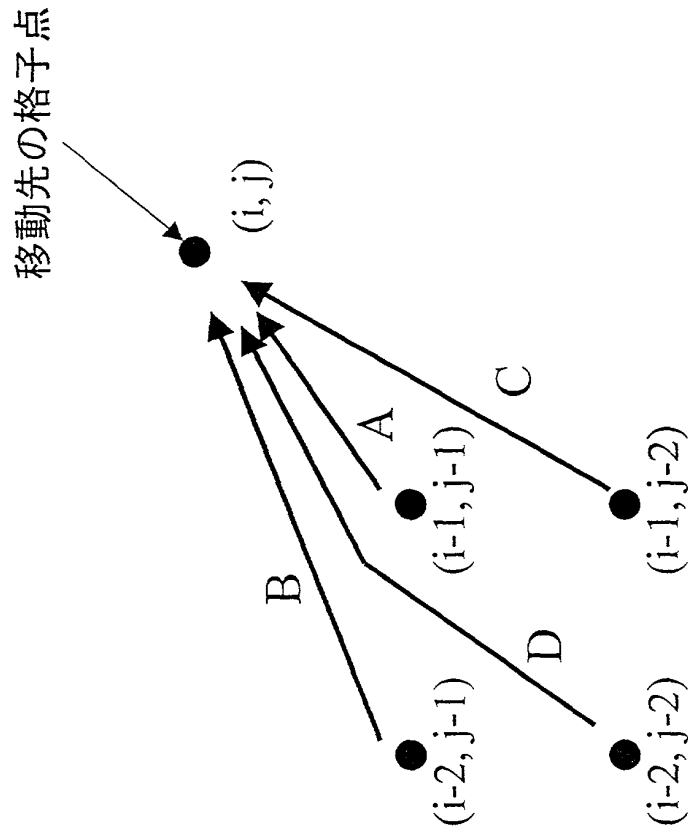


図20

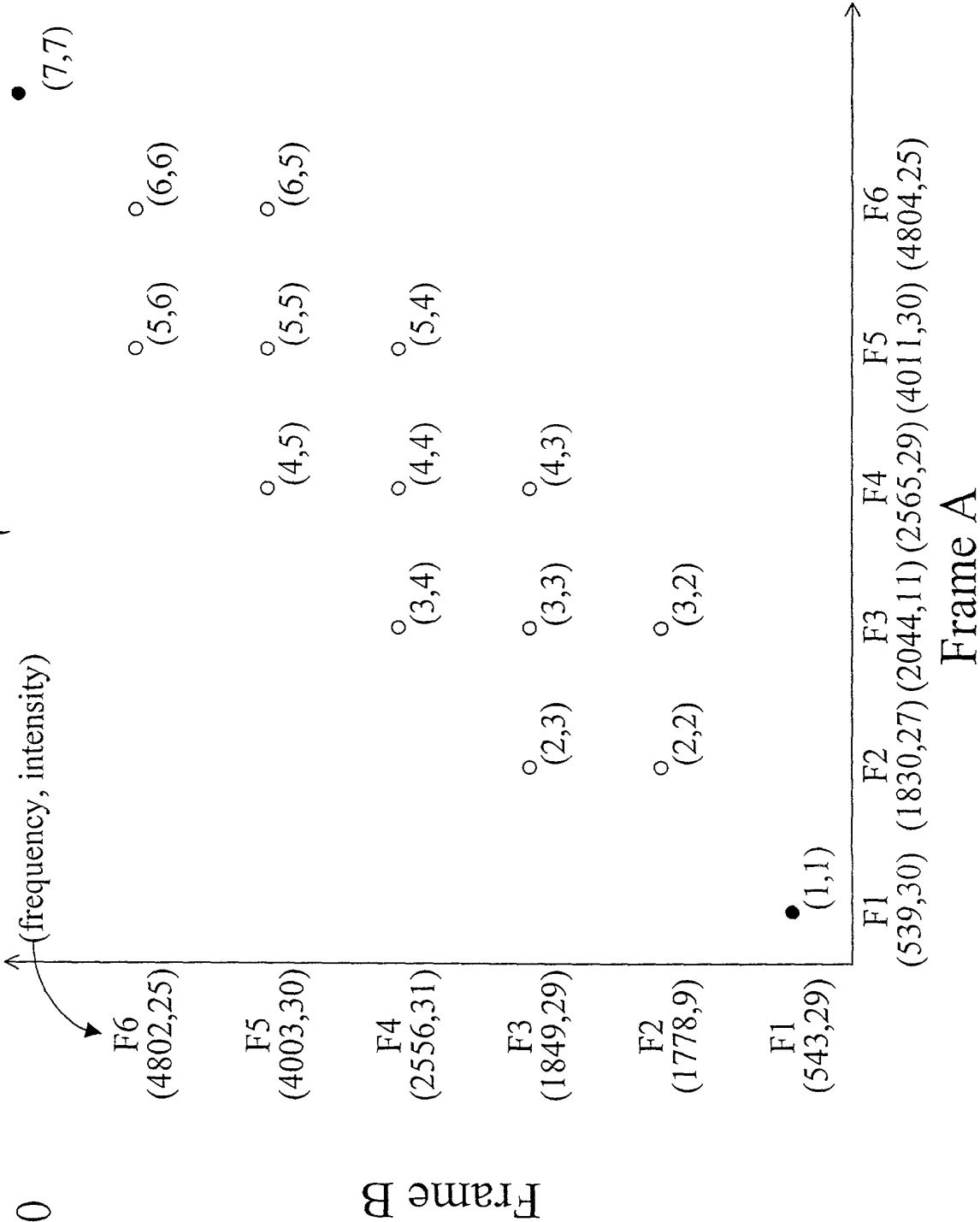


FIG. 21

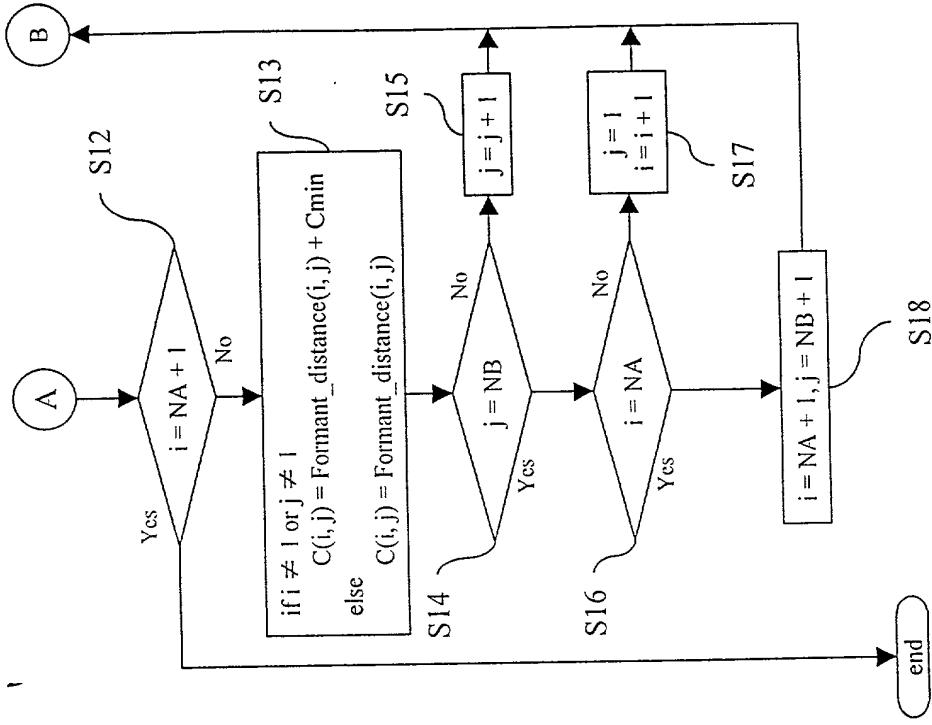
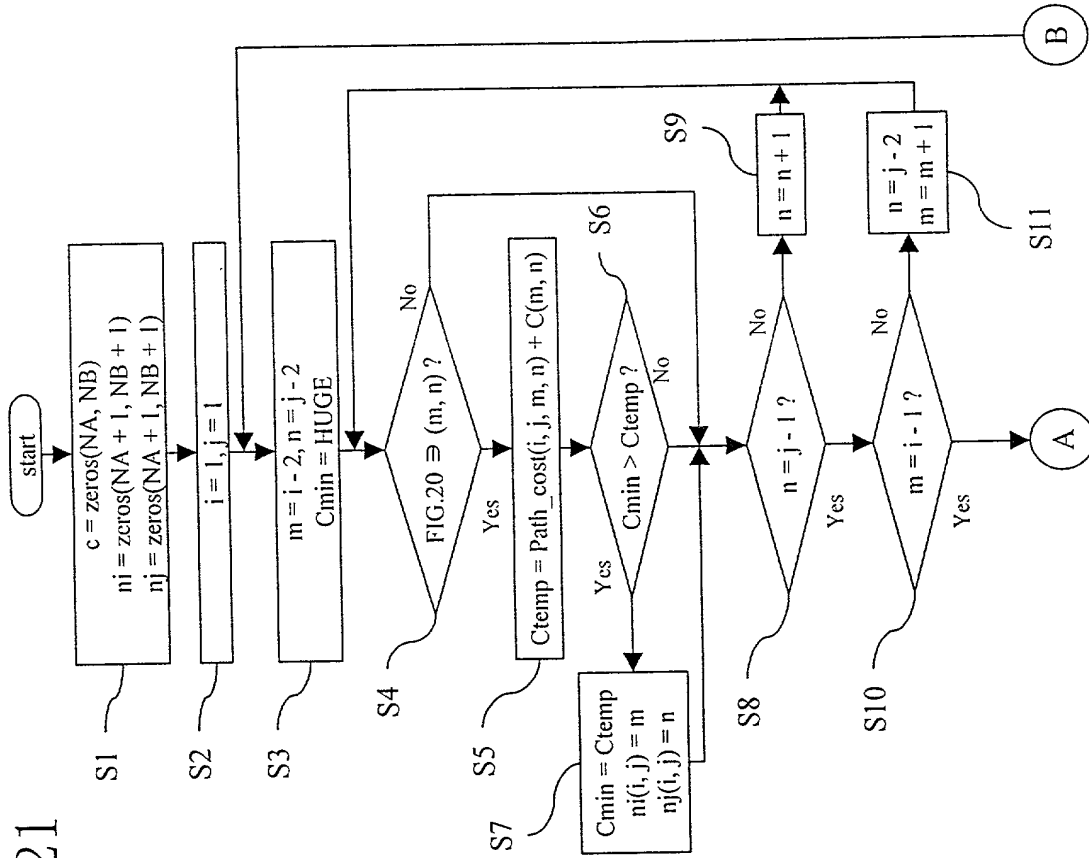


図 22

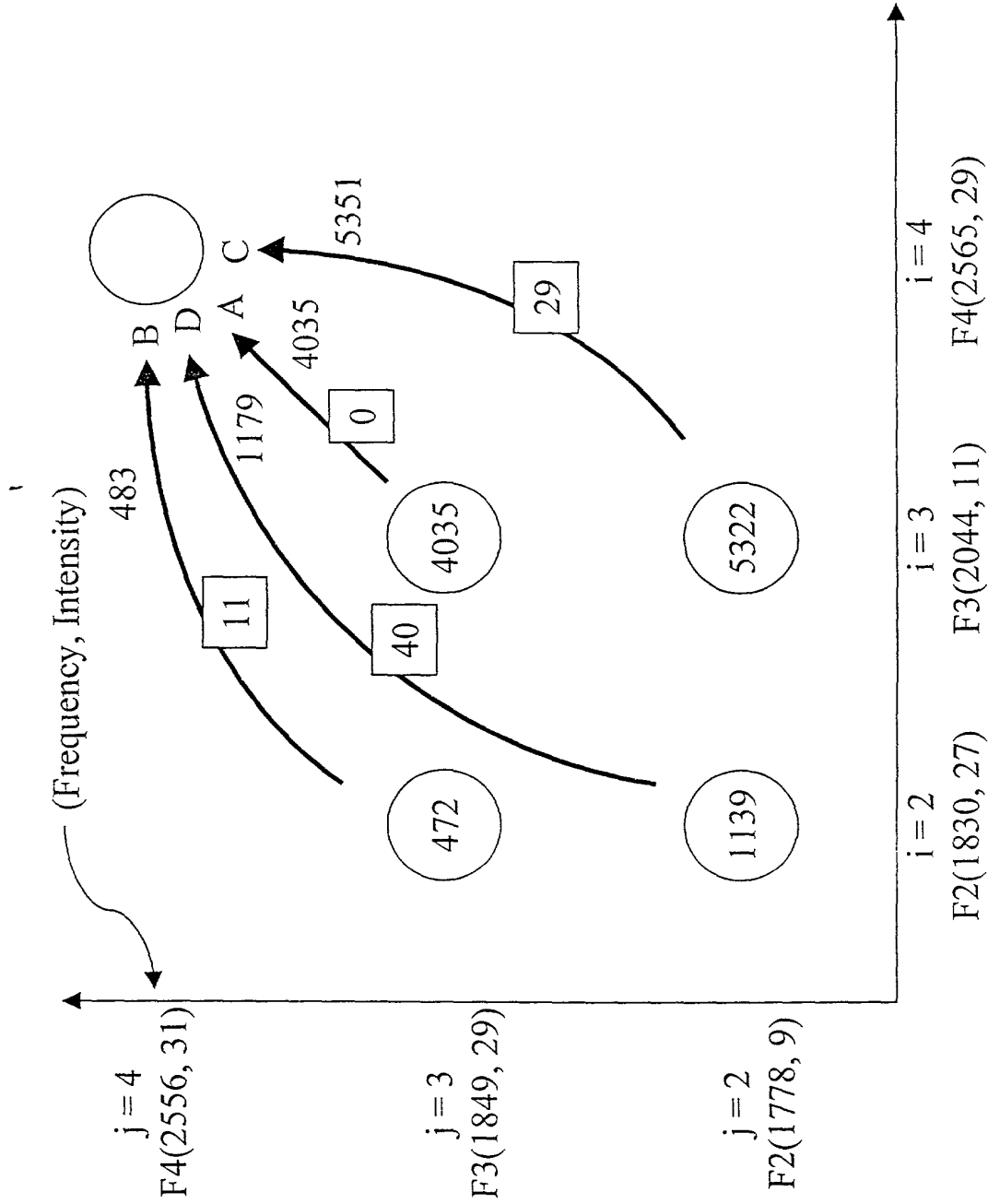


FIG. 22

FIG. 23

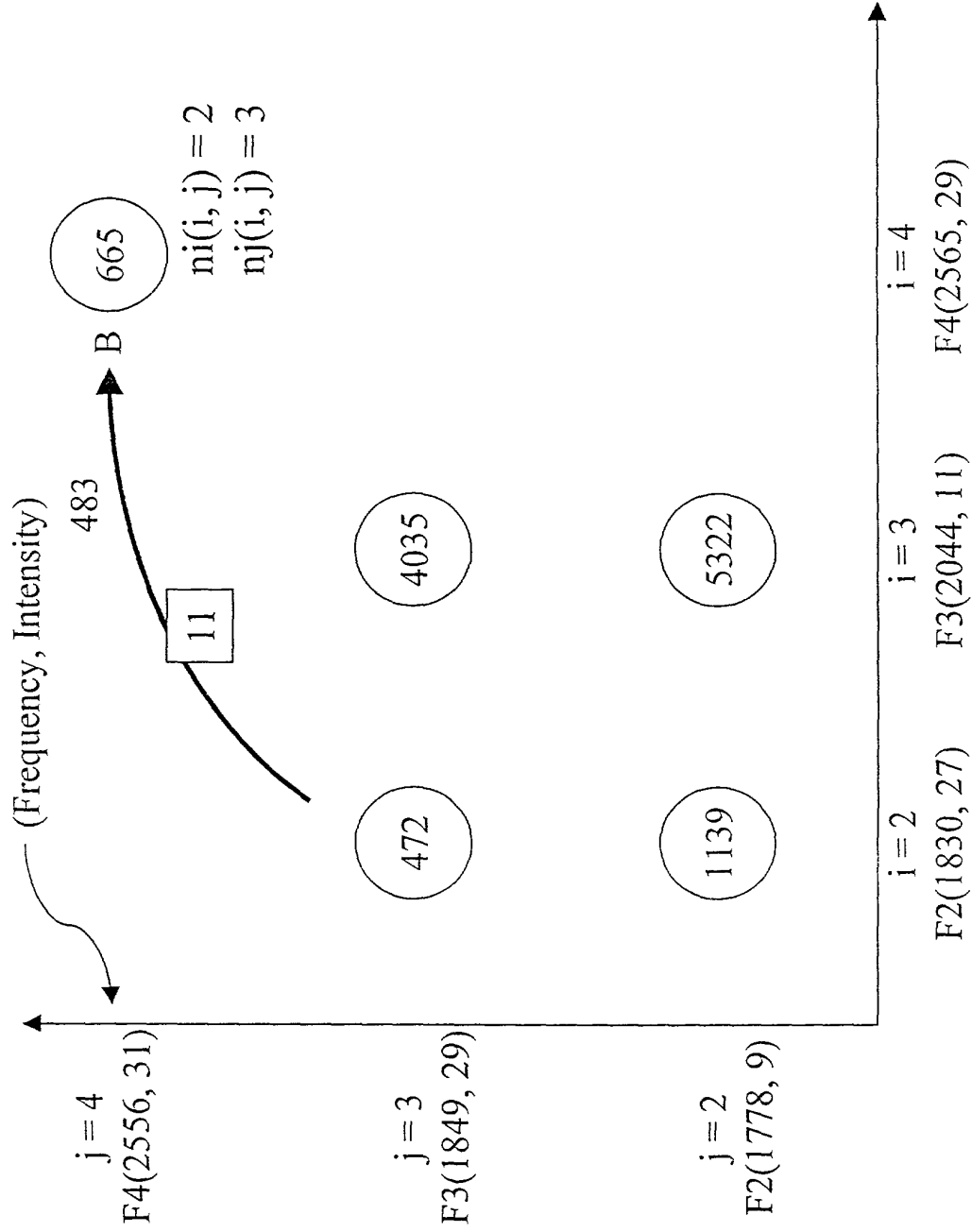
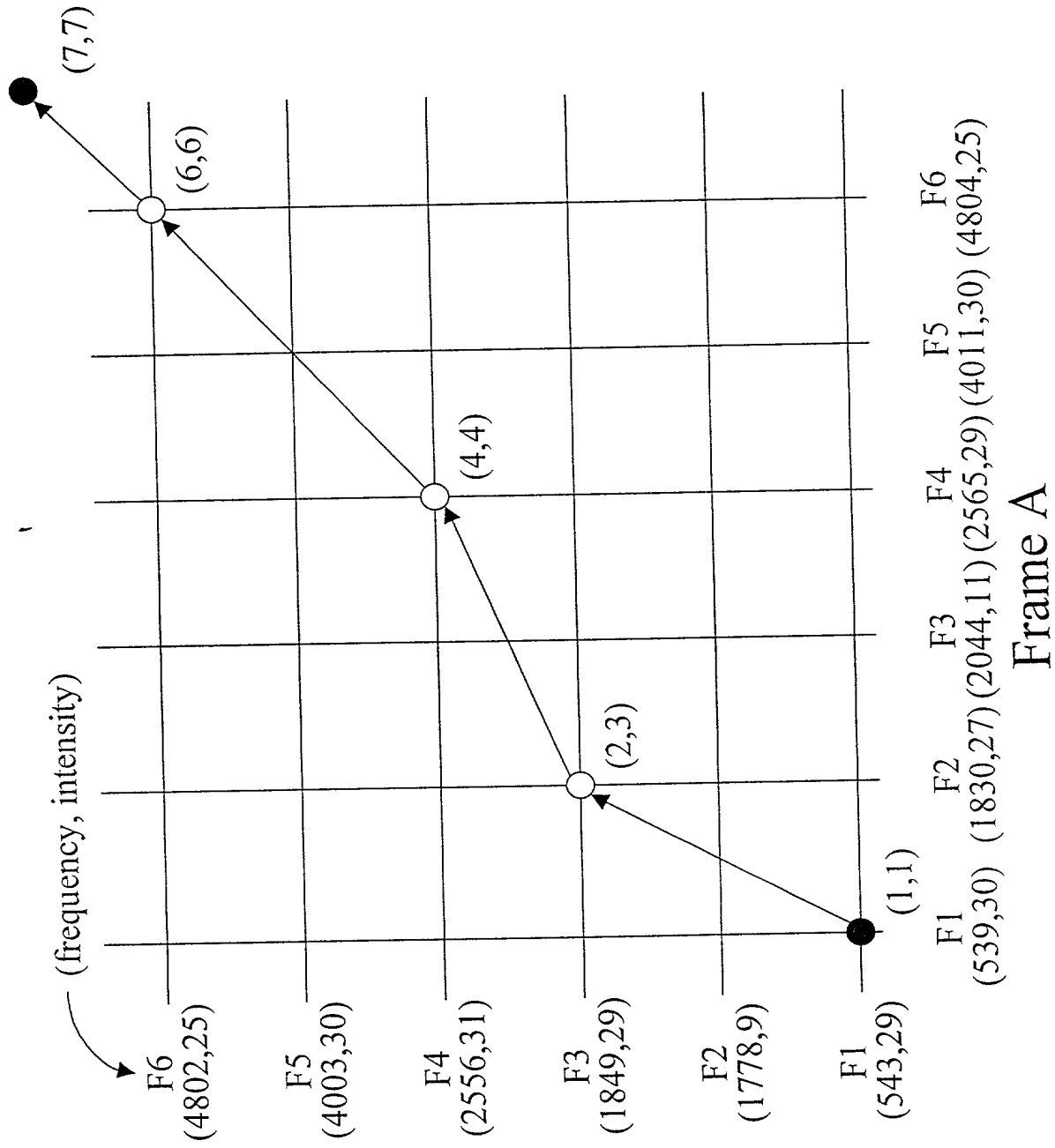


FIG. 23

24

Frame B



Frame A

25

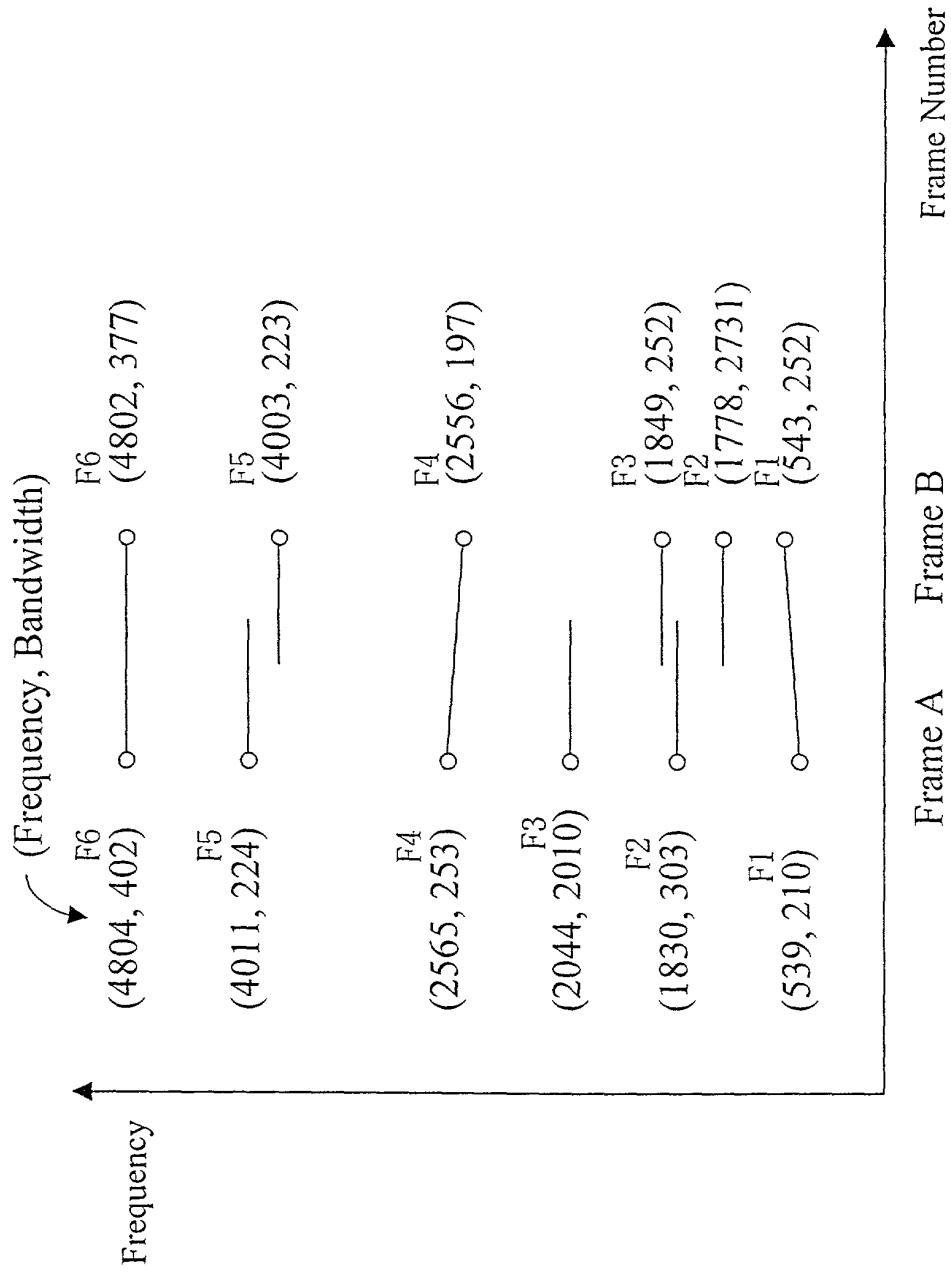
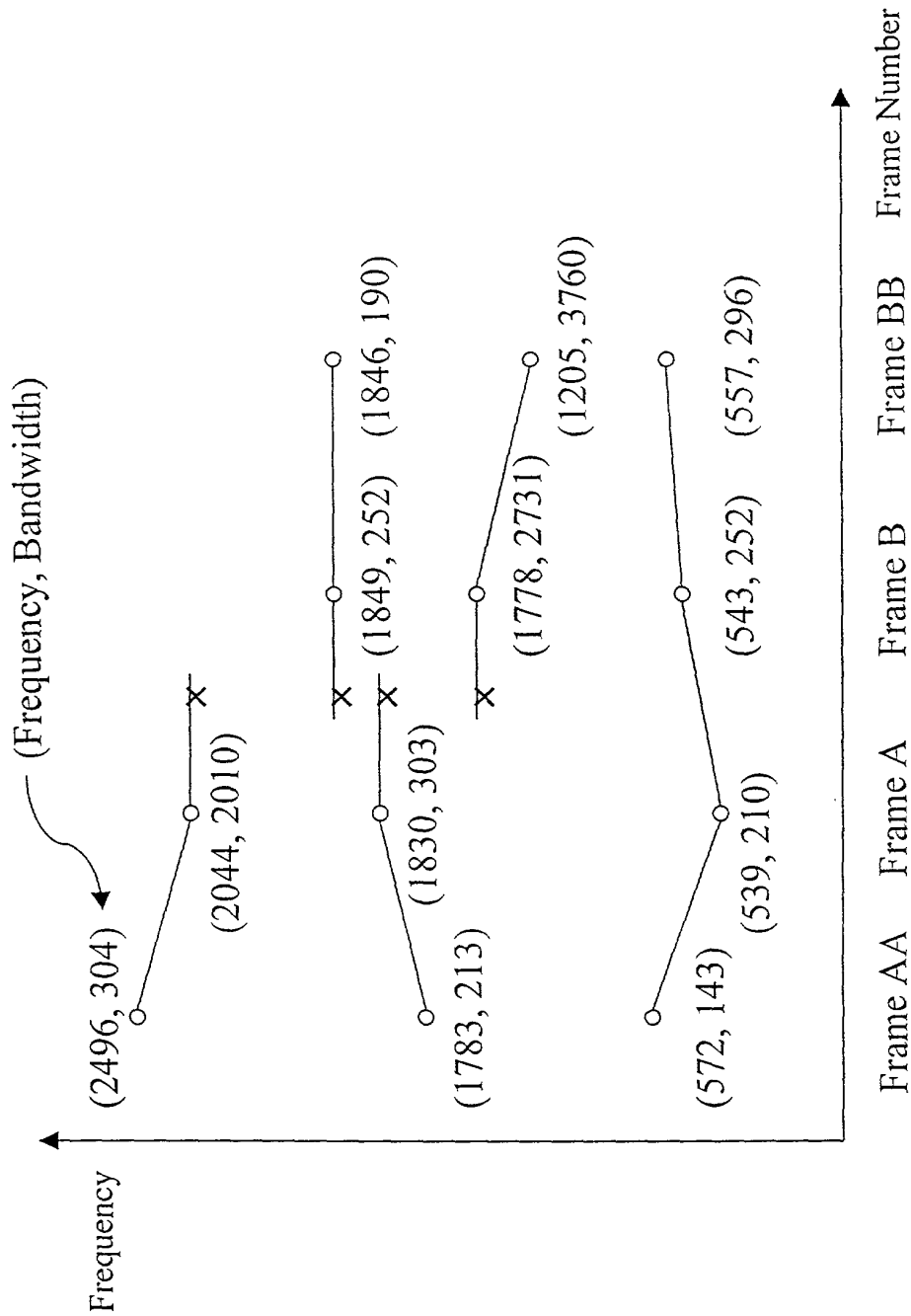


FIG. 25

FIG. 26



27

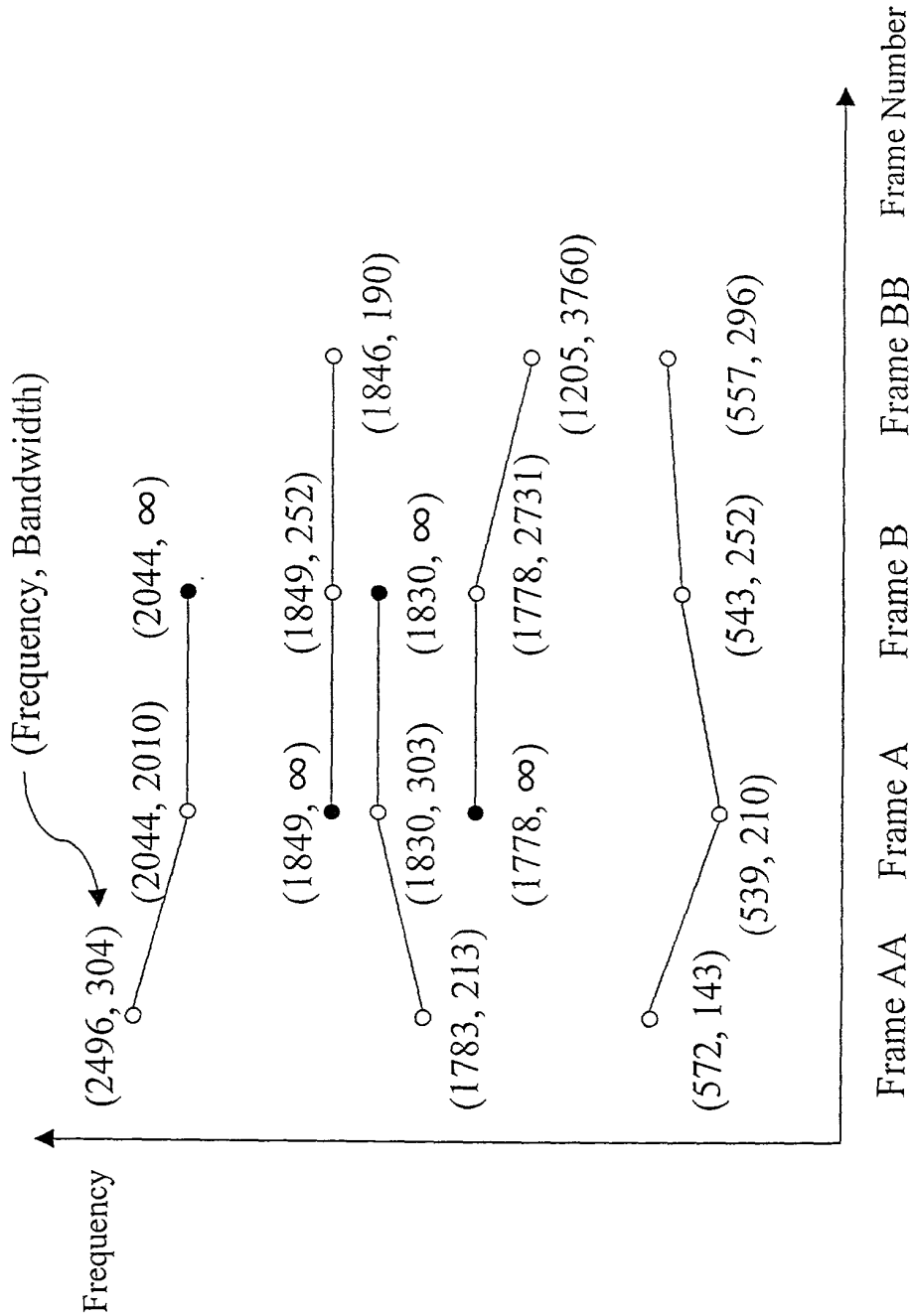
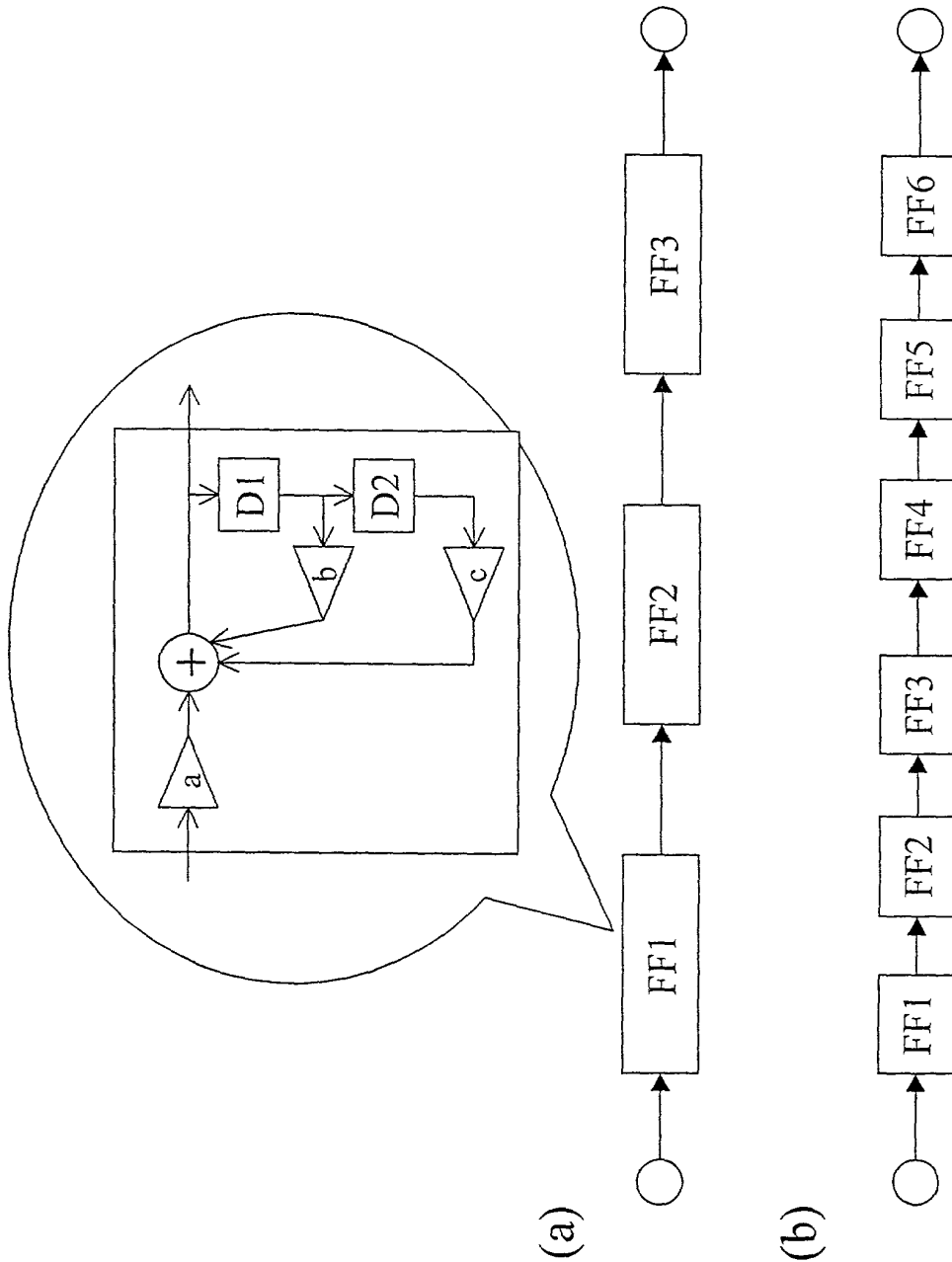


FIG. 27



29

	Frame AA	Frame A	Frame B	Frame BB
FF1	572,143,1	539,210,1	543,252,1	557,296,1
FF2	1783,213,2	1778,∞,0	1778,2731,2	1205,3760,2
FF3	2496,304,3	1830,303,2	1830,∞,3	1846,190,4
FF4	0,0,0	1849,∞,0	1849,252,4	0,0,0
FF5	0,0,0	2044,2010,3	2044,∞,5	0,0,0
FF6	0,0,0	0,0,0	0,0,0	0,0,0

F, B, N F: frequency
 B: band-width
 N: previous filter number

FIG. 30

